Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 546738WO01			OR FURTHER ACTION	· - ·	See Form PCT/IPEA/416			
International application No.			rnational filing date (day)	(month/year)	Priority date (day/month/year)			
PCT/JP2004/009588			0.06.2004		04.07.2003			
International Pat	International Patent Classification (IPC) or national classification and IPC							
G05B19/4097, B23Q15/00								
Applicant MITSUBISHI DENKI KABUSHIKI KAISHA								
	 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 							
2. This R	REPORT consists of a	total of 4		_ sheets, including	g this cover sheet.			
3. This re	eport is also accompa	nied by ANNE	XES, comprising:					
a. 🔀	(sent to the app	icant and to the	e International Bureau) a	total of	sheets, as follows:			
	sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
ъ. [rnational Burea	u only) a total of (indicat	te type and number	er of electronic carrier(s))			
			•		, containing a sequence listing and/or tables			
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).							
4. This re	eport contains indica	ions relating to	the following items:					
	Box No. I	asis of the repor	nt					
	Box No. II P	riority						
	Box No. III N	on-establishme	nt of opinion with regard	to novelty, invent	tive step and industrial applicability			
	Box No. IV L	ack of unity of i	invention					
			ent under Article 35(2) w lanations supporting such		lty, inventive step or industrial applicability;			
	Box No. VI Certain documents cited							
	Box No. VII C	ertain defects in	n the international applica	ation				
	Box No. VIII C	ertain observati	ons on the international a	application				
Date of submiss	sion of the demand		Date o	of completion of th	is report			
Name and mailing address of the IPEA/JP			Author	rized officer				
[
Facsimile No.			Telepl	hone No.				

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International application No.
PCT/JP2004/009588

Box	No. I	Bas	sis of the report				
1.		regard to the	ne language, this report is based on the internation his item.	nal application in the language in	which it was	filed, unless otherwise	
	This report is based on translations from the original language into the following						
	which is the language of a translation furnished for the purposes of: international search (Rule 12.3 and 23.1(b))						
		一	ication of the international application (Rule 12.4)				
		<u> </u>	national preliminary examination (Rule 55.2 and/				
2.	rece	iving Office report):	the elements of the international application, this in response to an invitation under Article 14 are tional application as originally filed/furnished on:	report is based on (replacement s e referred to in this report as "o	heets which riginally file	have been furnished to the d" and are not annexed to	
		pages _	1,4-43			originally filed/furnished	
		pages* _	2,3,3/1	received by this Authority on	13.05.2	005	
		pages* _		received by this Authority on			
	\boxtimes	the claims:	:				
		nos.			as	originally filed/furnished	
		nos.*	·	as amended (togethe	r with any st	atement) under Article 19	
		nos.*1-	-11	received by this Authority on	13.05.2	005	
		nos.*		received by this Authority on			
	\boxtimes	the drawin	ags:				
		sheets	fig. 1-57		a:	s originally filed/furnished	
		sheets*		received by this Authority on			
		sheets*		received by this Authority on			
	П	•	e listing and/or any related table(s) – see Supplem		isting		
				ciaus Box resuming to bequester 2	B		
3.			dments have resulted in the cancellation of:				
			description, pages				
		the c	claims, nos.				
		the c	drawings, sheets/figs		<u></u>		
		the s	sequence listing (specify):		<u>. </u>		
İ			table(s) related to sequence listing (specify):		-		
4.		This repor	rt has been established as if (some of) the amend been considered to go beyond the disclosure as fi	lments annexed to this report and led, as indicated in the Supplement	l listed below Intal Box (Ru	w had not been made, since the 70.2(c)).	
		L the c	description, pages				
		the c	claims, nos.				
		the	drawings, sheets/figs				
		the s	sequence listing (specify):				
		any	table(s) related to sequence listing (specify):				
	If it	em 4 applies	s, some or all of those sheets may be marked "sup	erseded."		<u></u>	

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Box		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1.	Statement				
	Novelty (N)	Claims	1-11	YES	
		Claims		_ мо	
	Inventive step (IS)	Claims	2, 3, 8, 9	YES	
			1, 4-7, 10, 11	NO	
	Industrial applicability (IA)	Claims	1-11	YES	
		Claims		NO	

2. Citations and explanations (Rule 70.7)

Document 1: JP 10-277882 A (Minolta Co., Ltd.)

Claims 1, 6, and 7

Document 1 cited in the international search report discloses features such as one wherein, when generating machining data, raw material data that most closely defines a product model is selected from a raw material database by comparing size data present in raw material data registered in the raw material database to a size model for the product model. Turning is a machining technique so well known as to not require the listing of references, and when comparing raw material data to product data, using the shape or length of a product is nothing more than conventional practice. Thus, a person skilled in the art could easily conceive of using the above known technique and conventional practice with the invention disclosed in document 1.

Accordingly, the inventions set forth in claims 1, 6, and 7 do not involve an inventive step.

Claims 4, 5, 10, and 11

The highlighted display of selected data, the display of a list of candidate data for selection as a

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

list in some order of priority, and the highlighted display of the candidate having the highest priority are techniques so well known in the technical field of data processing as to not require the listing of references. Thus, a person skilled in the art could easily conceive of using the above known techniques with the invention disclosed in document 1.

Accordingly, the inventions set forth in claims 4, 5, 10, and 11 do not involve an inventive step.